Patent
USSN 09/541,351
Old Atty Docket 20060
New Atty Docket VMED-40004

Amendments to the Specification

Column 7, please amend the second-to-last full paragraph as follows:

Referring again to FIG. 1, the major components of the transmitter 12 are a micro controller 26 which is used, via software, to: 1) control the output of a programmable DC to DC converter 28 in order to regulate the amount of RF energy to be coupled into the receiver 14; 2) read data and command inputs inputted via a keyboard 30, display messages and menus via a display 32, transmit therapy parameter values, via a programming encoder 34, a transmit driver 36 and an antenna 38, to the implanted receiver 14; 3) and receive commands and patient's diagnostic data, transmitted from the implanted receiver 14, via the antenna 38, an amplifier 39 and a decoder 40. Transmitter 12 has a self contained power supply, such as a battery, whereby said transmitting unit is portable and not dependant upon an a.c. power source.

Column 12, please amend the third full paragraph as follows:

The mission of the monitor and diagnostic system shown in FIG. 6 is to monitor and record, in a non-volatile memory [414] 27, specific biological signals and events occurring adjacent to the monitoring electrodes 411-412. Later, at a convenient time, theses recordings can be telemetered to the transmitter 12 which will produce, via a graphic recorder 416, a hard copy of the biological signals for the physician's examination and eventual diagnosis. Any time biological signals occur, they are scrutinized by the micro controller 46 for specific morphology which would cause the event to be stored into the memory 27 for later examination by the physician. An example of a typical use, would be to record dysfunctional endocardiac signals which, when inspected by a trained physician, may reveal the

origin of a cardiac dysfunction not detected by conventional means, such as a surface EKG.

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Supplemental Declaration for Reissue Patent Application

Attached is a copy of a new Supplemental Declaration and Statement of Errors signed by both inventors and a consent of assignee in compliance with 37 CFR 1.172